16 March 1964

MEMORANDUM FOR THE RECORD  SUBJECT: Trip to for Monitoring Stereo Point Transfer 25X1  Device, High Precision Viewer and Stereo Chip Comparator
1. Stereo Point Transfer Device - Accuracy. Question the pointing accuracy (repeatability) in the comparator mode. Pointing error will be approximately the same as the accuracy 2.54+.005% of the distance. 2511 will prepare a comprehensive statement of pointing error potential, accuracy and test procedures.
2. Vacuum Hold-Down. New glass with microgrooves having 25x1 polished edges shows definite promise for practically invisible grooves.  Good layout complete. No other progress.
guested by us would cost in small quantities. In addition, there may be practical and economic limitation to the degree of control requested on the joystick.  agreed with the right hand joystick, left hand 25x1 auxiliary control concept. They were advised of users' reservations at having extensive control in joystick. They will continue to analyze problem and prepare a recommended layout in the near future.
4. Eye Station Module. proposed a boom type support like that 5x1 on an overhead supported radial saw. Assembly would not rotate. Oculars would. Vertical displacement would probably be motor controlled. Monitor agreed that this appeared to be satisfactory.
5. High Intensity Illumination.
a. Contractor again warned of color temperature specification (3400°K min). Dimming must not be accomplished through lowering color temperature to objectionable level. reported that the 5x1 chosen lamp had a normal operating color temperature of 3700°K and that it could be dimmed to 10% without going 3000°K. The monitor agreed that such performance would be acceptable.
discussed again. was discouraged with the low magnification obtion problem. He requested elimination of the low magnification objective. Further discussion revealed that the glassification alleviate the problem. will investigate. The contract manifor stated that 400 foot lamberts is not adequate, but that all magnifications should have at least 1000 foot lamberts.

DDR-Dupe

GROOF 1
Excluded from returned of double to 27.0

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6. Laser Marking. Sample marks requested on the last visit were not prepared - this was due to laser power supply failure. is obtaining never models for operational systems. They should be able to continue this study within a week.	25X1
7. Stereo Chip Comparator. This device was viewed in almost completely assembled form. The structure and the cabinetry were impressive in appearance.    was very concerned over the fact pressive in appearance.   was very concerned over the fact pressive in appearance.   was very concerned over the fact pressive in appearance.   was very concerned over the fact pressive in appearance and particular for the focusing system that the objectives (over 1 inch). It was noted that this differences of the objectives (over 1 inch). It was noted that the manipulation required to maintain or recover stereo fusion when traversing between points. It was also noted that the pression of the pr	25X1 25X1 25X1 25X1
a. Contact Chip Printer.  b. Two possible light tables.  c. Image Intensifier Screen.  d. Two auto-focus problems.	
e. Light Modulation Viewer.  9.	25X1
This company was suggested as a possible producer of a fast response, reversible photo sensitive medium. I spoke who confirmed that they possessed such a material who confirmed that they possessed such a material who details could be learned,	25X1 25X1
who confirmed that they possessed such a learned, and described its property as "phototropic". No details could be learned, however, since the material is under security wraps. gave me the name of the contracting agency and monitor -	25X1 25X1
I will attempt to obtain clearance for viewing this material.	25X1
	25X1